MAPS OF CHINESE TURKESTĀN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF SIR AUREL STEIN, K.C.I.E. 1900–01, 1906–08, 1913–15

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3 Sarīkol
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For corrections to be applied to the positions of triangulated points, as shown in maps 2, 3, 9, 14, 15, 21, 23, 25, 26, 27, 29, 30, see the lists of latitudes, longitudes, &c., in Appendix A to Sir A. Stein's 'Memoir on maps of Chinese Turkistan and Kansu'.

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1922

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

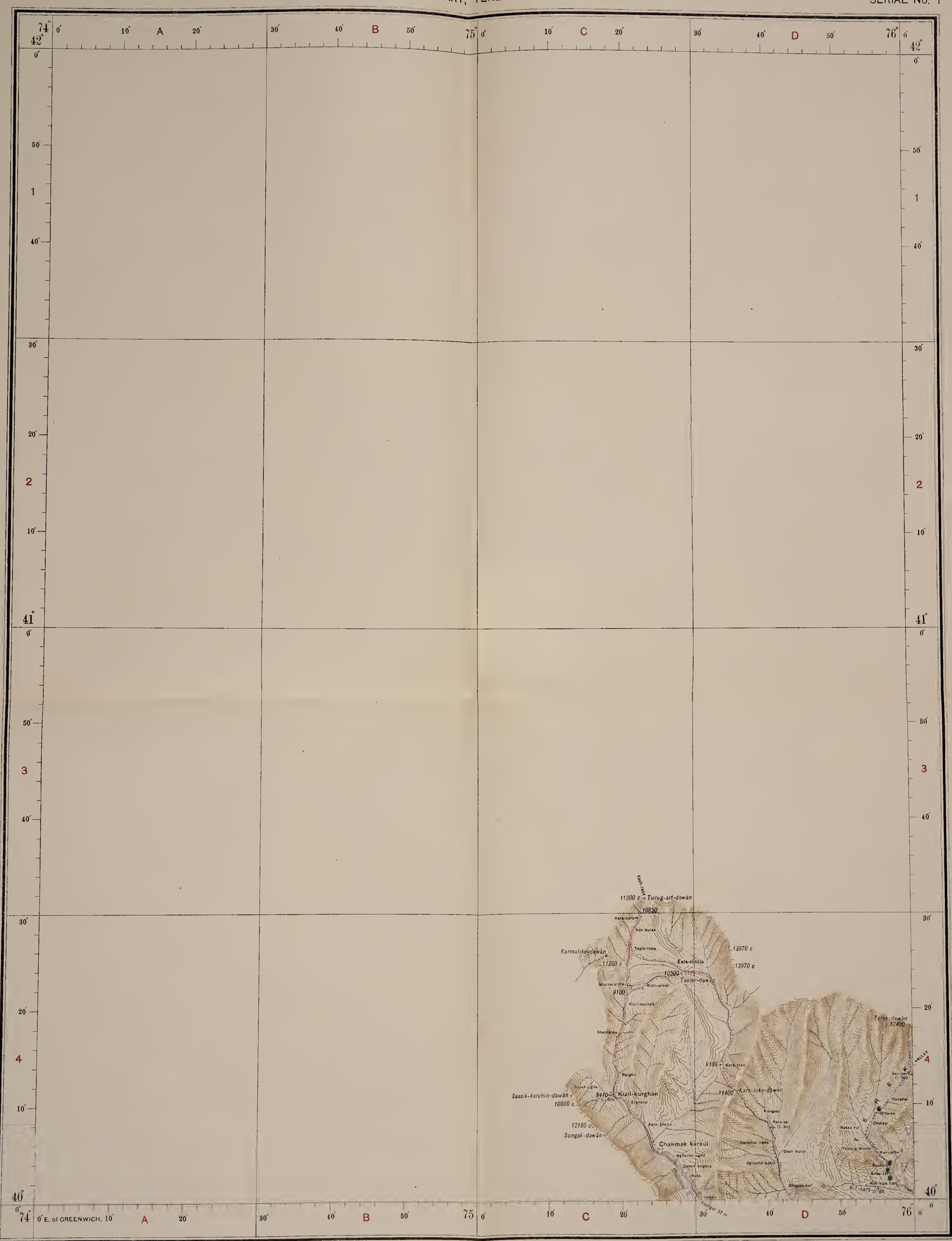
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-43

(CARTE INTERNATIONALE DU MONDE)

TURUG-ART, TEREK-DAWĀN.

SERIAL No. 1



Reg. No. 1128 D. D. O. 1919 (2 D O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India*, 1919.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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	2	5

Hellozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakub Khān in 1913-15

Camps of Sir A. Stein and Afraz Gul in 1913-15

Camps of R. B. Lal Singh in 1913-15

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 42 N.E. — KĀSHGAR, MUZTĀGH-ATĀ. — SERIAL No. 2

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 42 S.E. SARĪKOL SERIAL No. 3

Reg. No. 1140 D. D. 1919/20 O. 1-21. 500

Heliozincographed at the Survey of India Offices, Dehra Dun.

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ...... 13277 .12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Tāsh-kurghān, Dafdār, Wakhjir P., Ming-taka Pass

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Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap.	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Oong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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	3	6

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa).

Ancient site; watch-tower. Cairn ...... TATI

Route with camp, 1900 01

Route with camp, 1906 08

Route with camp, 1913 15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 ...... C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913 15 ...... C XIV

Camps of R. B. Lāl Singh in 1913 15 ...... C 91

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

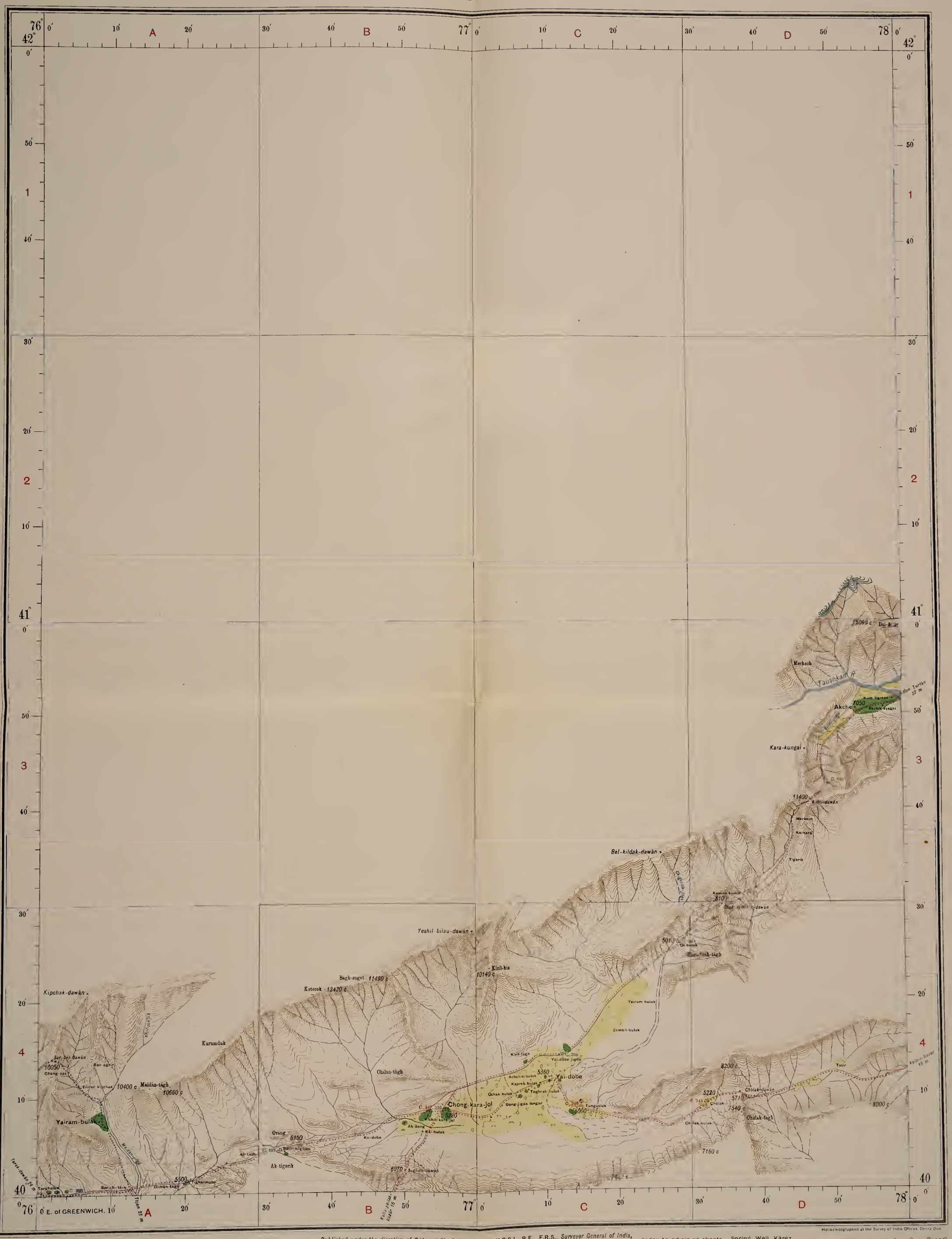
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-43

(CARTE INTERNATIONALE DU MONDE)

YAI-DÖBE.

SERIAL No. 4



Reg. No 1131 D. D. 1919 (2 D. O.)-S.I.-800

Heliozincographed at the Survey of India Offices, Dehra Dun

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 .12300 c

Heights: by barometer or hypsometer ..... .12770

Perpetual snow (approximate)

Drift sand area

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India*, 1919.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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2	5	8

Spring. Well. Karez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 C. XVI

Camps of R. B. Lāl Singh in 1913-15 C. 91

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 N.W. YANGI-HISSĀR, YĀRKAND. SERIAL No. 5

Reg. No. 1171 D.O.D. 1919 (2D O.)-S1.-800

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Heliozincographed at the Survey of India Offices, Dehra Dun.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Latitude Stn. Azimuth Stn. Triangulation Stn.	
Heights: by theodolite; by clinometer	13277 · 12300 c
Heights: by barometer or hypsometer	12770
Perpetual snow (approximate)	
Drift-sand area	
Erosion terraces: Mesa; Yārdang	
Hard salt crust	
Hard salt-encrusted clay	
Soft salt-encrusted clay	
Cultivation: unsurveyed	
Edges of cultivation, etc., where surveyed	
Reeds or low scrub: living; dead	
Sandy tract with scrub or jungle	
Tamarisk cones: living; dead	
Wild poplars (Toghraks): living; dead	
Tamarisks: living; dead. Conifers	

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3	6	9

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kol	Lake	P'ao-tzu, Pu-tzu (Chin.)	Walled village		
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel		
Daryā	River	Kumush	Reeds	Shan (Chin.)	Mountain		
Dawān	Pass	Kurghan	Tower	Ta-fan (Chin.)	Pass		
Dong	Hill	Langar, Lr	Rest house	Tāgh	Mountain		
Ho (Chin.)	River	Mazār, Mr	Saint's tomb	Toghrak	Poplar		
Jilga, J	Valley	Miao (Chin.)	Temple	Ūstang	Canal		
Karaul	Watch station	Oghil	Shepherd station	Yailak, Yailagh	Grazing ground		

Streams etc. which generally contain water are shown in blue

Spring. Well. Kārēz	
Main road	
Other roads and paths with pass	
Telegraph line	
Temple. Muhammadan shrine. Sacred tomb	
Fort: ancient; recent. Mine	
Temporarily occupied hut	
Frontier wall: ancient; recent	
Walled town: extant; ruined. Ruined mound (Stupa)	
Ancient site; watch-tower. Cairn	TATI
Route with camp, 1900-01	
Route with camp, 1906-08	
Route with camp, 1913-15	
Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15	C XXII
Camps of Sir A. Stein and Afrāz Gul in 1913-15	C
Camps of R. B. Lāl Singh in 1913-15	C 91

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 S.W. — KARGHALIK, KILIĀN. — SERIAL No. 6

Reg. No. 1182 D. D. D. 1918 (2 D. O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ... 13277 ... 12300 c

Heights: by barometer or hypsometer ... 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Offg. Surveyor General of India.*
1919.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Kol*	*Lake*	*P'ao-tzū, Pu-tzū (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tagh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Oghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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2	5	8
3	6	9
		10

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

Heliozincographed at the Survey of India Offices, Dehra Dun.

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

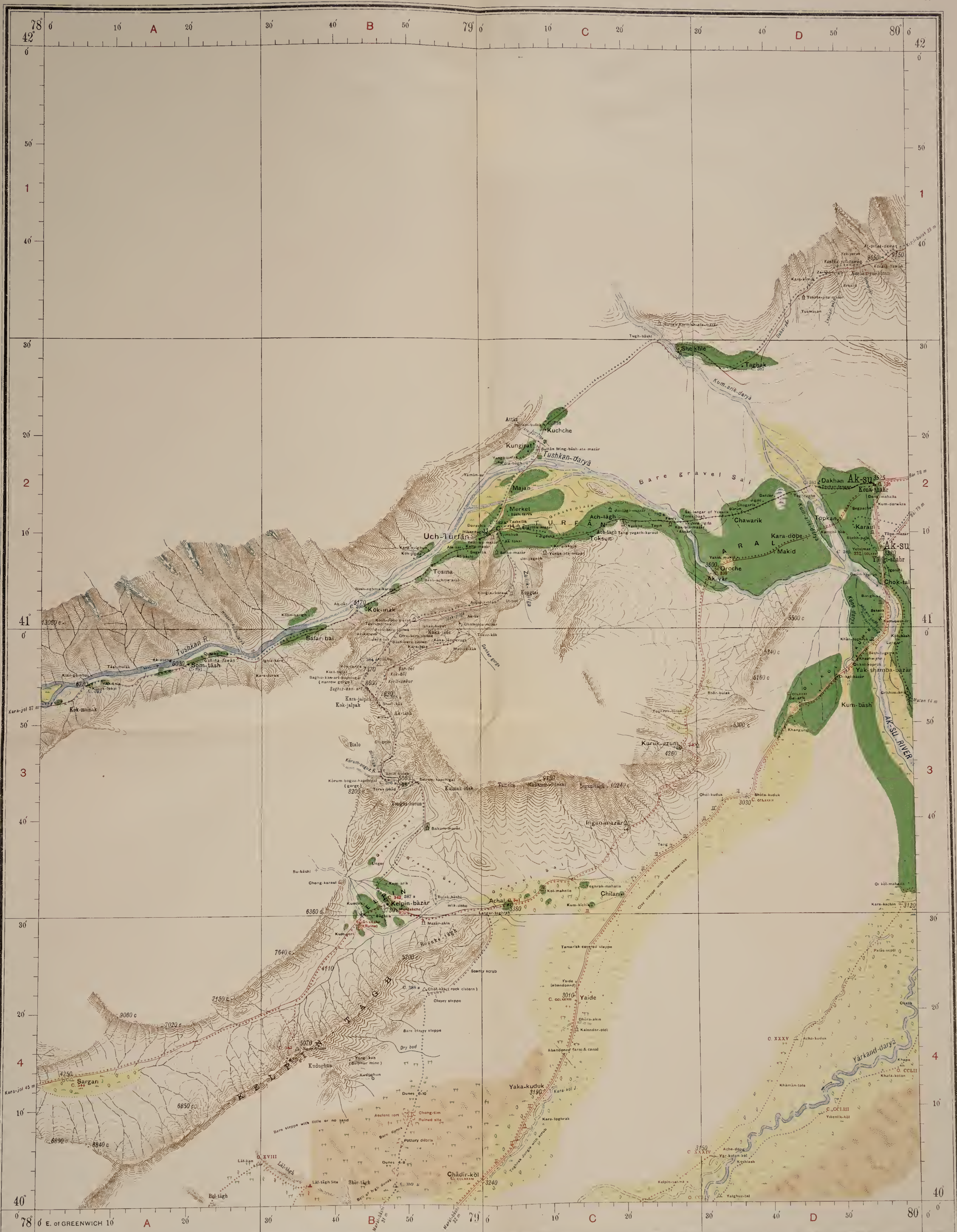
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

AK-SU, UCH-TURFĀN, KELPIN.

SERIAL No. 7



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Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

Heliozincographed at the Survey of India Offices, Dehra Dun.

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ... 13277 ... 12300 c

Heights: by barometer or hypsometer ... 12770

Perpetual snow (approximate)

Drift-sand area.

Erosion terraces: Mesa; Yardang

Hard salt crust.

Hard salt-encrusted clay.

Soft salt-encrusted clay.

Cultivation: unsurveyed.

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead.

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Uch-Turfān, Ak-su, Kelpin

Index to adjoining sheets

4	7	12
5	8	13

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
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Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
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Spring. Well. Kārez.

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Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 ... C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 ... C XXV

Camps of R. B. Lāl Singh in 1913-15 ... C VI

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 N.E. — MARAL-BĀSHI. — SERIAL No. 8

Reg. No. 1049 D. D. D. 1918 (2 D. O.)-S.I. 800

Latitude Stn. Azimuth Stn. Triangulation Stn

Heights: by theodolite; by clinometer ..... 13217 ..... 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

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Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzū, Pu-tzū (Chin.)*	*Walled village*
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Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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Spring. Well. Kārez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

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Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khan in 1913-15 ..... C XXII

Camps of Sir A. Stein and Afraz Gul in 1913-15 ..... C XXV

Camps of R. B. Lāl Singh in 1913-15 ..... C 91

Hellozincographed at the Survey of India Offices, Dehra Dun.

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:- One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 S. E. — KHOTAN, SANJU. — SERIAL No. 9

Reg. No. 1175 D. D. D. 1919 (2 D. O.)-S.I.-800

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Offg. Surveyor General of India. 1919.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

Heliozincographed at the Survey of India Offices, Dehra Dun.

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer .13277 .12300 c

Heights: by barometer or hypsometer .12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Guma, Khotan, Sanju, Pusha, Nissa

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EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Köl	Lake	P'ao-tzŭ, Pu-tzŭ (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Daryā	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kurghān	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langar, Lr.	Rest house	Tagh	Mountain
Ho (Chin.)	River	Mazār, Mr.	Saint's tomb	Toghrak	Poplar
Jilga, J.	Valley	Miao (Chin.)	Temple	Ustang	Canal
Karaul	Watch station	Öghil	Shepherd station	Yailak, Yailagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa)

Ancient site; watch-tower. Cairn TATI

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 C

Camps of R. B. Lāl Singh in 1913-15 C 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 52 N. E.

KARA-KORAM, KHITAI-DAWĀN

SERIAL No. 10

Reg. No 1070 D. D. D 1918 (2 D. O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn. ..... ⊕ ⊕ △

Heights: by theodolite, by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate) .....

Drift sand area .....

Erosion terraces: Mesa; Yārdang .....

Hard salt crust .....

Hard salt-encrusted clay .....

Soft salt-encrusted clay .....

Cultivation: unsurveyed .....

Edges of cultivation, etc., where surveyed .....

Reeds or low scrub: living, dead .....

Sandy tract with scrub or jungle .....

Tamarisk cones: living; dead .....

Wild poplars (Toghraks): living; dead .....

Tamarisks: living; dead Conifers .....

NOTE Details in square A 1 and west to margin taken from a rigorous survey executed by the Cav. F. De Filippi's expedition 1913 14

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1 : 500,000 or 1 014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Kol.*	*Lake*	*P'ao-tzu, Pu-tzu (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ústeng*	*Canal*
Karaul	*Watch station*	*Oghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karez .....

Main road .....

Other roads and paths with pass .....

Telegraph line .....

Temple. Muhammadan shrine Sacred tomb .....

Fort: ancient; recent Mine .....

Temporarily occupied hut .....

Frontier wall: ancient; recent .....

Walled town: extant; ruined. Ruined mound (Stūpa) .....

Ancient site; watch-tower. Cairn .....

Route with camp, 1900-01 .....

Route with camp, 1906-08 .....

Route with camp, 1913 15 .....

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 .....

Camps of Sir A. Stein and Afrāz Gul in 1913 15 .....

Camps of R. B. Lāl Singh in 1913-15 .....

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

MUZ-ART

SERIAL No. 11

Rec. No. 1044 D. D. D. 1918 (2 D. O.)-B.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn ...

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

Index to adjoining sheets

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzu, Pu-tzù (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawan	*Pass*	*Kurghan*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tagh*	*Mountain*
Ho (Chin.)	*River*	*Mazar, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc which generally contain water are shown in blue.

Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 ..... c XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 ..... c XIV

Camps of R. B. Lāl Singh in 1913-15 ..... c 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

KARA-YULGHUN, BAI.

SERIAL No. 12

Reg. No 1129 D. D. D 1919 12 D O.I-S.I. 800

Latitude Stn. Azimuth Stn. Triangulation Stn.	
Heights: by theodolite; by clinometer	13277 . 12300 c
Heights: by barometer or hypsometer	12770
Perpetual snow (approximate)	
Drift-sand area	
Erosion terraces: Mesa; Yārdang	
Hard salt crust	
Hard salt encrusted clay	
Soft salt-encrusted clay	
Cultivation: unsurveyed	
Edges of cultivation, etc., where surveyed	
Reeds or low scrub: living; dead	
Sandy tract with scrub or jungle	
Tamarisk cones: living; dead	
Wild poplars (Toghraks): living; dead	
Tamarisks: living; dead Conifers	

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India*, 1919.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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Heliozincographed at the Survey of India Offices, Dehra Dun

Spring Well. Kārēz	
Main road	
Other roads and paths with pass	
Telegraph line	
Temple. Muhammadan shrine. Sacred tomb	
Fort: ancient; recent. Mine	
Temporarily occupied hut	
Frontier wall: ancient; recent	
Walled town: extant; ruined. Ruined mound (Stūpa)	
Ancient site: watch-tower. Cairn	TATI
Route with camp, 1900-01	
Route with camp, 1906-08	
Route with camp, 1913-15	
Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15	C XXII
Camps of Sir A. Stein and Afrāz Gul in 1913-15	C XIV
Camps of R. B. Lāl Singh in 1913-15	C 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:– One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 N. W.

MAZĀR-TĀGH, KARA-DONG.

SERIAL No. 13

Reg. No. 1052 D. D. D. 1918 (2 D. O.)-S.L.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . . . 13277 . 12300 c

Heights: by barometer or hypsometer . . . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzu, Pu-tzü (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghan*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine Sacred tomb

Fort: ancient; recent Mine

Temporarily occupied hut

Frontier wall ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa).

Ancient site; watch-tower. Cairn

Route with camp, 1900 01

Route with camp, 1906 08

Route with camp, 1913 15

Camps of Sir A. Stein or Md Yakub Khan in 1913 15 . C. XXII

Camps of Sir A. Stein and Afraz Gul in 1913 15 . C. XXV

Camps of R. B. Lal Singh in 1913 15 . C. 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 S. W. SAMPULA, CHĪRA, KERIYA. SERIAL No. 14

Reg. No 1118 D. D. D. 1918. 2D. O. 81. 800

Latitude Stn. Azimuth Stn. Triangulation Stn	
Heights: by theodolite; by clinometer	. 13277 . 12300 c
Heights: by barometer or hypsometer	. 12770
Perpetual snow (approximate)	
Drift-sand area	
Erosion terraces. Mesa; Yārdang	
Hard salt crust	
Hard salt encrusted clay	
Soft salt-encrusted clay	
Cultivation: unsurveyed	
Edges of cultivation, etc., where surveyed	
Reeds or low scrub: living; dead	
Sandy tract with scrub or jungle	
Tamarisk cones: living; dead	
Wild poplars (Toghraks): living; dead	
Tamarisks: living; dead Conifers	

Index to localities

Sampula bazar, Chira, Keriya, Chakar, Polur

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Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Kol*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*		
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*		
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*		
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*		
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*		
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*		
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*		
Karaul	*Watch station*	*Oghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*		

Streams etc. which generally contain water are shown in blue

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Helio-zincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut.

Frontier wall: ancient, recent

Walled town: extant; ruined. Ruined mound (Stupa).

Ancient site; watch-tower. Cairn — TATI

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakub Khan in 1913-15 — C. XXII

Camps of Sir A. Stein and Afraz Gul in 1913-15 — C. 111

Camps of R. B. Lāl Singh in 1913-15 — C 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 61 N. W. — YURUNG-KĀSH AND KERIYA R. SOURCES. — SERIAL No. 15

Reg. No. 1104 D. D. D. 1919 (2 D. C.)-S.I.-200

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . 13277 . 12300 c

Heights: by barometer or hypsometer . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead.

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1919.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kōl	Lake	P'ao-tzū, Pu-tzū (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stona or gravel
Daryā	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kurghān	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langar, Lr	Rest house	Tāgh	Mountain
Ho (Chin.)	River	Mazār, Mr	Saint's tomb	Toghrak	Poplar
Jilga, J	Valley	Miao (Chin.)	Temple	Ūstang	Canal
Karaul	Watch station	Oghil	Shephard station	Yailak, Yailagh	Grazing ground

Streams etc. which generally contain water are shown in blue

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Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine Sacred tomb

Fort; ancient; recent Mine

Temporarily occupied hut

Frontier wall; ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 . c. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 . c. ...

Camps of R. B. Lāl Singh in 1913-15 . c. 91

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

KERE-BĀZĀR (BAI)

SERIAL No. 16

Reg. No 1099 D. D. 1918 (2 D. O.)-S.I.-600

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . 13277 . 12300 c

Heights: by barometer or hypsometer . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

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Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa).

Ancient site; watch-tower. Cairn.

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md Yakūb Khān in 1913-15

Camps of Sir A. Stein and Afraz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Köl	Lake	P'ao-tzū, Pu-tzū (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Daryā	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kurghān	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langar, Lr.	Rest house	Tāgh	Mountain
Ho (Chin.)	River	Mazār, Mr.	Saint's tomb	Toghrak	Poplar
Jilga, J.	Valley	Miao (Chin.)	Temple	Ūstang	Canal
Karaul	Watch station	Öghil	Shepherd station	Yailak, Yailagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

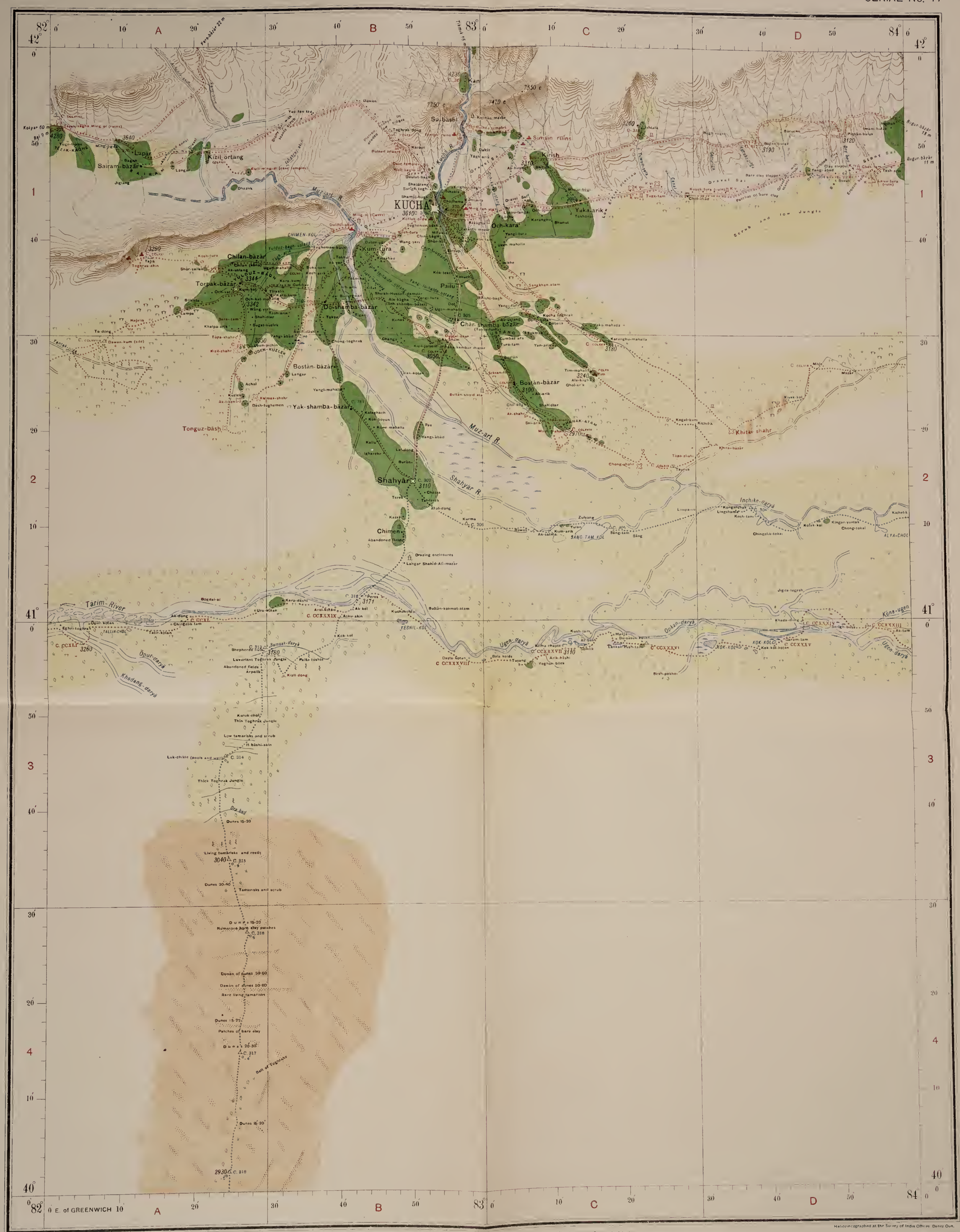
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

KUCHĀ

SERIAL No. 17



Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Offg. Surveyor General of India, 1919

Scale 1: 500,000 or 1·014 inches to 8 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Streams etc. which generally contain water are shown in blue

Heliozincographed at the Survey of India Offices, Dehra Dun.

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:- One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 N. E. — KERIYA RIVER END — SERIAL No. 18

Reg. No 1054 D. D. D. 1918 (2 D. O.)-S.I.-830

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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13	18	22
14	19	23

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzu, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazar, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine Sacred tomb

Fort: ancient; recent Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa)

Ancient site; watch-tower. Cairn ..... TATI

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yaküb Khān in 1913-15 ..... C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 ..... C. XXV

Camps of R. B. Lāl Singh in 1913-15 ..... C. 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:- One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 S. E. — NIYA — SERIAL No. 19

Reg. No. 1060 D. D. D. 1918 (2 D. O.)-S.I. 500

Latitude Stn. Azimuth Stn. Triangulation Stn

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kōl	Lake	P'ao-tzŭ, Pu-tzŭ (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Daryā	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kurghān	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langar, Lr	Rest house	Tāgh	Mountain
Ho (Chin.)	River	Mazār, Mr	Saint's tomb	Toghrak	Poplar
Jilga, J	Valley	Miao (Chin.)	Temple	Ūstang	Canal
Karaūl	Watch station	Öghil	Shepherd station	Yailak, Yailagh	Grazing ground

Streams etc. which generally contain water are shown in blue

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14	19	23

Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

KARA-DAWĀN, KARA-SHAHR R.

SERIAL No. 20

Reg. No. 1066 D D D. 1918 (2 D O.)-S I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 .12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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17	21	25

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EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Ōghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa).

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakub Khan in 1913-15

Camps of Sir A. Stein and Afraz Gul in 1913-15

Camps of R. B. Lal Singh in 1913-15

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

BUGUR, KORLA

SERIAL No. 21

Reg. No 1087 D. D. D 1918 (2 D. O.)-S1.-600

Latitude Stn. Azimuth Stn. Triangulation Stn		
Heights: by theodolite; by clinometer	13277	12300 c
Heights: by barometer or hypsometer		12770
Perpetual snow (approximate)		
Drift-sand area		
Erosion terraces: Mesa; Yārdang		
Hard salt crust		
Hard salt-encrusted clay		
Soft salt-encrusted clay		
Cultivation: unsurveyed		
Edges of cultivation, etc., where surveyed		
Reeds or low scrub: living; dead		
Sandy tract with scrub or jungle		
Tamarisk cones: living; dead		
Wild poplars (Toghraks): living; dead		
Tamarisks: living; dead Conifers		

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*		
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*		
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*		
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*		
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*		
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*		
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*		
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*		

Streams etc. which generally contain water are shown in blue

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17	21	25
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Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 69 N. W.

CHARCHAN

SERIAL No. 22

Reg. No. 1038 D. D. D. 1918 (2 D. O.)-B.I. 890

Latitude Stn. Azimuth Stn. Triangulation Stn	
Heights: by theodolite; by clinometer	13277 .12300 c
Heights: by barometer or hypsometer	.12770
Perpetual snow (approximate)	
Drift-sand area	
Erosion terraces: Mesa; Yārdang	
Hard salt crust	
Hard salt-encrusted clay	
Soft salt-encrusted clay	
Cultivation: unsurveyed	
Edges of cultivation, etc., where surveyed	
Reeds or low scrub: living; dead	
Sandy tract with scrub or jungle	
Tamarisk cones: living; dead	
Wild poplars (Toghraks): living; dead	
Tamarisks: living; dead Conifers	

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Charchan-bāzār

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Kōl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tagh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Ūstang*	*Canal*
Karaul	*Watch station*	*Ōghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karez	
Main road	
Other roads and paths with pass	
Telegraph line	
Temple. Muhammadan shrine. Sacred tomb	
Fort: ancient; recent. Mine	
Temporarily occupied hut	
Frontier wall: ancient; recent	
Walled town: extant; ruined. Ruined mound (Stupa)	
Ancient site; watch-tower. Cairn	TATI
Route with camp, 1900-01	
Route with camp, 1906-08	
Route with camp, 1913-15	
Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15	C. XXII
Camps of Sir A. Stein and Afrāz Gul in 1913-15	
Camps of R. B. Lāl Singh in 1913-15	

Copies of this map can be obtained on Indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:—One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 69 S. W.

KAPA, ACHCHAN

SERIAL No. 23

Reg. No. 1035 O. D. 1918 (2 O. O.)-31.-800

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India. 1918.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Heliozincographed at the Survey of India Offices, Dehra Dun

Latitude Stn. Azimuth Stn. Triangulation Stn

Heights: by theodolite; by clinometer . . . 13277 . 12300 c

Heights: by barometer or hypsometer . . 12770

Perpetual snow (approximate).

Drift-sand area

Erosion terraces: Mesa: Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living: dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Index to adjoining sheets

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Köl	Lake	P'ao-tzü, Pu-tzu (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawan	Pass	Kurghan	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langar, Lr.	Rest house	Tagh	Mountain
Ho (Chin.)	River	Mazar, Mr	Saint's tomb	Toghrak	Poplar
Jilga, J.	Valley	Miao (Chin.)	Temple	Üstang	Canal
Karaul	Watch station	Öghil	Shepherd station	Yailak, Yailagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring. Well. Karez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa).

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakub Khan in 1913-15 . . . C. XXII

Camps of Sir A. Stein and Afraz Gul in 1913-15

Camps of R. B. Lal Singh in 1913-15 . . . C. 91

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

KARA-SHAHR.

SERIAL No. 24

Reg. No. 1050 D. D. D. 1918 (2 D. O.)-S. I.-500

Hellozincographed at the Survey of India Offices, Dehra Dun.

Latitude Stn. Azimuth Stn. Triangulation Stn

Heights: by theodolite; by clinometer ..... 13277 ..... 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

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Kara-kizil
Kara-shahr

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India*, 1918.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghan*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Oong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Oghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Spring Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine Sacred tomb

Fort: ancient; recent Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa).

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 ..... C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 ..... C. XIV

Camps of R. B. Lāl Singh in 1913-15 ..... C. 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:—One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE 'DU MONDE)

KONCHE-DARYĀ

SERIAL No. 25

Reg. No. 1085 D. D. 1918 (2 D. O.)-S. I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer .13277 .12300 c

Heights: by barometer or hypsometer .12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1 014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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21	25	29
22	26	30

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Kol*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Halftoned at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khan in 1913-15 C XXII

Camps of Sir A. Stein and Afraz Gul in 1913-15 C XIV

Camps of R. B. Lāl Singh in 1913-15 C 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 69 N. E.

VĀSH-SHAHRI

SERIAL No. 26

Reg. No 1059 D. D. D. 1918 (2 O. D.)-S I.- 600

Latitude Stn Azimuth Stn. Triangulation Stn

Heights: by theodolite; by clinometer .. 13277 .12300 c

Heights: by barometer or hypsometer .. 12770

Perpetual snow (approximate)

Drift sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Vāsh shahri

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzu, Pu-tzu (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawan	*Pass*	*Kurghan*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tagh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site: watch-tower, Cairn .... TATI

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 .... C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 .... C XXV

Camps of R. B. Lal Singh in 1913-15 .... C 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

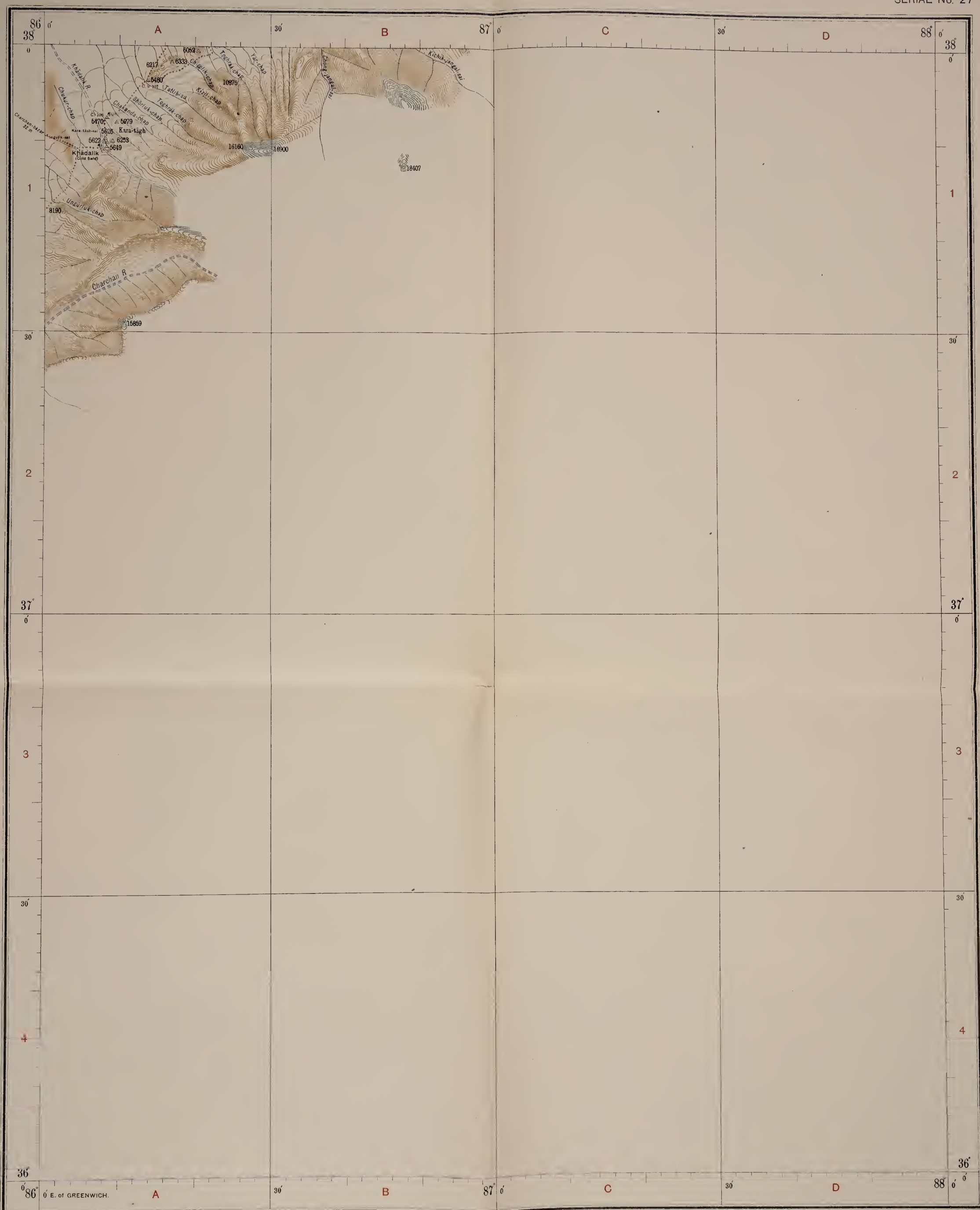
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 69 S. E.

KHĀDALIK.

SERIAL No. 27



Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Khadalik

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

Index to adjoining sheets

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23	27	

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc which generally contain water are shown in blue

Hellozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn ..... TATI

Route with camp, 1900 01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 ..... C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913 15 ..... C. XIV

Camps of R. B. Lāl Singh in 1913-15 ..... C. 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:- One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

TURFĀN.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

SERIAL No. 28

Reg. No. 1251 D. D. D. 1919 (2 D. O) 1-9-1. 800

Latitude Stn. Azimuth Stn. Triangulation Stn

Heights: by theodolite; by clinometer .13277 .12300 c

Heights: by barometer or hypsometer .12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor General of India.
1922

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Köl	Lake	P'ao-tzu, Pu-tzŭ (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Daryā	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kurghān	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langar, Lr	Rest house	Tāgh	Mountain
Ho (Chin.)	River	Mazār, Mr	Saint's tomb	Toghrak	Poplar
Jilga, J.	Valley	Miao (Chin.)	Temple	Ūstang	Canal
Karaul	Watch station	Öghil	Shepherd station	Yailak, Yailagh	Grazing ground

Streams etc. which generally contain water are shown in blue

In the Turfān depression the approximate datum line and contours below sea-level (at approximate intervals of 250 feet) are shown thus ..... — 250 —

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Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

Heliozincographed at the Survey of India Offices, Dehra Dun

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

SINGER, LOU-LAN

SERIAL No. 29

Rcs. No. 1092 D. D. 1918 (2 D. D.) - S.I. - 800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India*, 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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25	29	32
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Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant: ruined. Ruined mound (Stūpa).

Ancient site; watch-tower. Cairn

Route with camp, 1900-01.

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 ..... C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 ..... C. XXV

Camps of R. B. Lāl Singh in 1913-15 ..... C. 91

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:- One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 75 N. W. — LOP-NŌR — SERIAL No. 30

Reg. No. 1053 D D. D. 1918 (2 D. O.)-9.1.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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26	30	33
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Hellozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa).

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

PICHAN, CHIK-TAM.

SERIAL No. 31

Reg. No. 1228 D. D. 1920 (2 D. O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . . . 13277 . 12300 c

Heights: by barometer or hypsometer . . . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead.

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Surveyor General of India.*
1920
Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl.*	*Lake*	*P'ao-tzū, Pu-tzū (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum.*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawan.	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh.*	*Mountain*
Ho (Chin.).	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Oghil.*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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29	32	35

Spring. Well. Kārez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

Heliozincographed at the Survey of India Offices, Dehra Dun.

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:—One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

ANCIENT LOP LAKE BED.

SERIAL No. 32

Reg. No 1058 D. D. D 1918 (2 D. O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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29	32	35
30	33	36

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzū, Pu-tzū (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurgnān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khan in 1913-15

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:—One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 75 N. E.

LOWAZA, BĀSH-KURGHĀN.

SERIAL No. 33

Reg. No. 1055 D. D. D. 1918 (2 D. O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

Index to adjoining sheets

29	32	35
30	33	36

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl.*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai.*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.).*	*Mountain*
Duwān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ūstang*	*Canal*
Karaul	*Watch station*	*Ōghil*	*Shepherd station*	*Yailak, Yailagh.*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa).

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 . C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 . C. XXV

Camps of R. B. Lāl Singh in 1913-15 . C. 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

BARKUL, HĀMI.

SERIAL No. 34

Reg. No 1190 D. D. D. 1919 (2 D. O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn

Heights: by theodolite; by clinometer .13277 .12300 c

Heights: by barometer or hypsometer .12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Offg. Surveyor General of India,* 1919.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Köl	Lake	P'ao-tzū, Pu-tzū (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Daryā	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kurghān	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langar, Lr	Rest house	Tāgh	Mountain
Ho (Chin.)	River	Mazār, Mr	Saint's tomb	Toghrak	Poplar
Jilga, J	Valley	Miao (Chin.)	Temple	Ūstang	Canal
Karaul	Watch station	Öghil	Shepherd station	Yailak, Yailagh	Grazing ground

Streams etc. which generally contain water are shown in blue

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Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn TATI

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 C

Camps of R. B. Lāl Singh in 1913-15 C 91

Heliozincographed at the Survey of India Offices Dehra Dun.

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

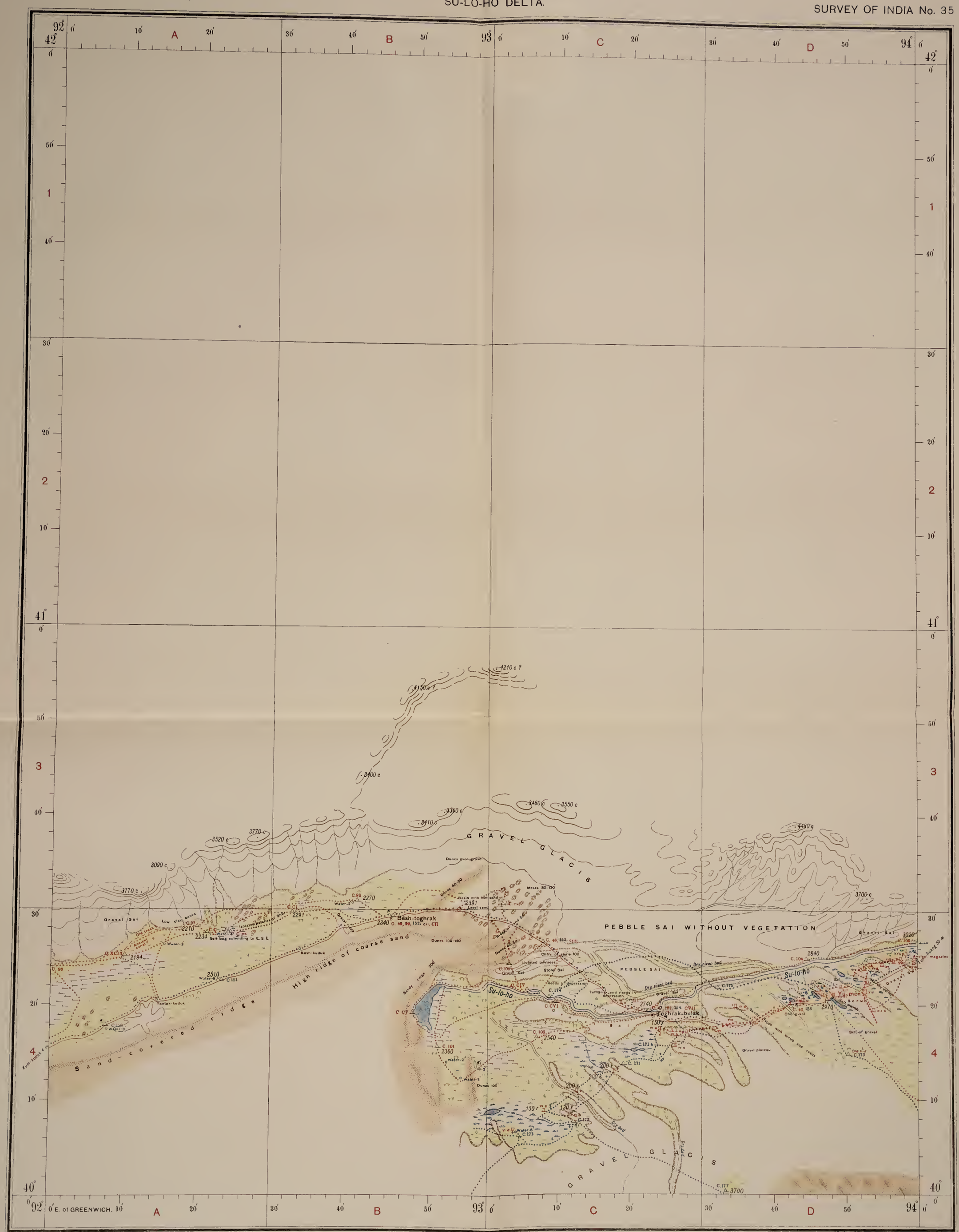
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

SU-LO-HO DELTA.

SURVEY OF INDIA No. 35



Feo. No 1188 D D D 1919 (2 D O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer .13277 .12300 c

Heights: by barometer or hypsometer .12770

Perpetual snow (approximate)

Drift sand area

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Offg. Surveyor General of India,* 1919.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Kol*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazar, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets

31	34	37
32	35	38
33	36	39

Hellozincographed at the Survey of India Offices Dehra Dun.

Spring. Well. Kārez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900 01

Route with camp, 1906 08

Route with camp, 1913 15

Camps of Sir A. Stein or Md Yakūb Khān in 1913 15 C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913 15 C ...

Camps of R. B. Lāl Singh in 1913 15 C. 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price: One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 80 N. W.

KHANAMBAL (ANAMBAR)

SERIAL No. 36

Reg. No. 1086 D. D. D. 1918 (2 D. O.)-S.I.-800

Heliozincographed at the Survey of India Offices, Dehra Dun

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

Index to adjoining sheets

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33	36	39

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Raods*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Towar*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rast house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Tomple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Spring Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine Sacred tomo

Fort: ancient; recent Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md Yakūb Khān in 1913-15 C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 C. XXV

Camps of R. B. Lāl Singh in 1913-15 C. 91

Copies of this map can be obtained on Indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

KARLIK-TĀGH.

SERIAL No. 37

Reg. No 1179 D. D. D 1919 2 D O J-S I. 800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . 13277 . 12300 c

Heights: by barometer or hypsometer . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Offg. Surveyor General of India,* 1919.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Kol*	*Lake*	*P'ao-tzū, Pu-tzū (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawan	*Pass*	*Kurghan*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazar, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Oghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets

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35	38	41

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15

Camps of Sir A. Stein and Afrāz Gul in 1913-15.

Camps of R. B. Lāl Singh in 1913-15

Heliozincographed at the Survey of India Offices, Dehra Dun.

Copies of this map can be obtained on indent from the Survey of India Offices: Map Record and Issue Branches, Calcutta. Price: One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

TUN-HUANG, AN-HSI.

SURVEY OF INDIA No. 38

Reg. No. 1189 D. D. D. 1919 (2 D. O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer. . 13277 . 12300 c

Heights: by barometer or hypsometer . . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Offg. Surveyor General of India.*
1919.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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35	38	40
36	39	41

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Lithozincographed at the Survey of India Offices, Dehra Dun

Spring. Well. Kārez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 — C XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 — C XXV

Camps of R. B. Lāl Singh in 1913-15 — C 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:—One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 80 N. E. — NAN-HU — SERIAL No. 39

Reg. No. 1071 D. D. D. 1918 (2 D. O.)-S.I.-600

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . . . 13277 . 12300 c

Heights: by barometer or hypsometer . . . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., *Surveyor General of India,* 1918.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

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36	39	42

Heliogravure at the Survey of India Offices, Dehra Dun.

Spring. Well. Karez

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa).

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 . . . C. XVII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 . . . C. XXV

Camps of R. B. Lāl Singh in 1913-15 . . . C. 91

Copies of this map can be obtained on Indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:—One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

YÜ-MÊN-HSIEN

SERIAL No. 40

Latitude Stn. Azimuth Stn. Triangulation Stn. 4 5

Heights: by theodolite; by clinometer . 13277 . 12300 c

Heights: by barometer or hypsometer . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yârdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

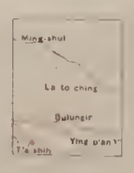
Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities



Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Surveyor General of India.* 1920.

Scale 1. 500,000 or 1·014 Inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

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38	40	42
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Spring. Well. Kârêz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient: recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stûpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakûb Khân in 1913-15

Camps of Sir A. Stein and Afrâz Gul in 1913-15

Camps of R. B. Lâl Singh in 1913-15

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl.*	*Lake*	*P'an-tzü, Pu-tzü (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryâ	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawân	*Pass*	*Kurghân*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tâgh*	*Mountain*
Ho (Chin.)	*River*	*Mazâr, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Dghil.*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price One Rupee.

Hellozincographed at the Survey of India Offices, Dehra Dun.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 89 N.W. — CH'ANG-MA — SERIAL No. 41

Reg. No. 1927 D. D. D. 1920 (2 D. O.) S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Surveyor General of India.*
1920.
Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 5 0 5 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzü, Pu-tzü (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Darya	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawan	*Pass*	*Kurghan*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tagh*	*Mountain*
Ho (Chin.)	*River*	*Mazar, Mr*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Oghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets

38	40	42
39	41	43

Heliozincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:—One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

CHIN-T'A

SERIAL No. 42

Reg. No. 1238 D. D. O. 1920 (2 O. O.)-8 1.-800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . . . 13277 . 12300 c

Heights: by barometer or hypsometer . . . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Surveyor General of India.*
1920
Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl.*	*Lake*	*P'ao-tzu, Pu-tzu (Chin.)*	*Walled village*
Chap.	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush.*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān.	*Pass*	*Kurghān.*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong.	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh.*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul.	*Watch station*	*Dghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets

	44	
40	42	45
41	43	46

Halftoneographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Karēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 . . . C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 . . . C. ...

Camps of R. B. Lāl Singh in 1913-15 . . . C. 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price ... One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 89 N.E.

SU-CHOU

SERIAL No. 43

Reg. No. 1258 D. D. D. 1920 (2 D. O.)-8.I.-800

Hellozincographed at the Survey of India Offices, Dehra Dun.

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor General of India.
1922

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

Index to localities: Su-chou, Chin-fo-ssŭ, Kao-t'ai, Nan-ch'uan, Su-lo-ho sources

Index to adjoining sheets

40	42	45
41	43	46

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer .12277 .12300 c

Heights: by barometer or hypsometer .12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine Sacred tomb

Fort: ancient; recent Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn TATI

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawan	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:- One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

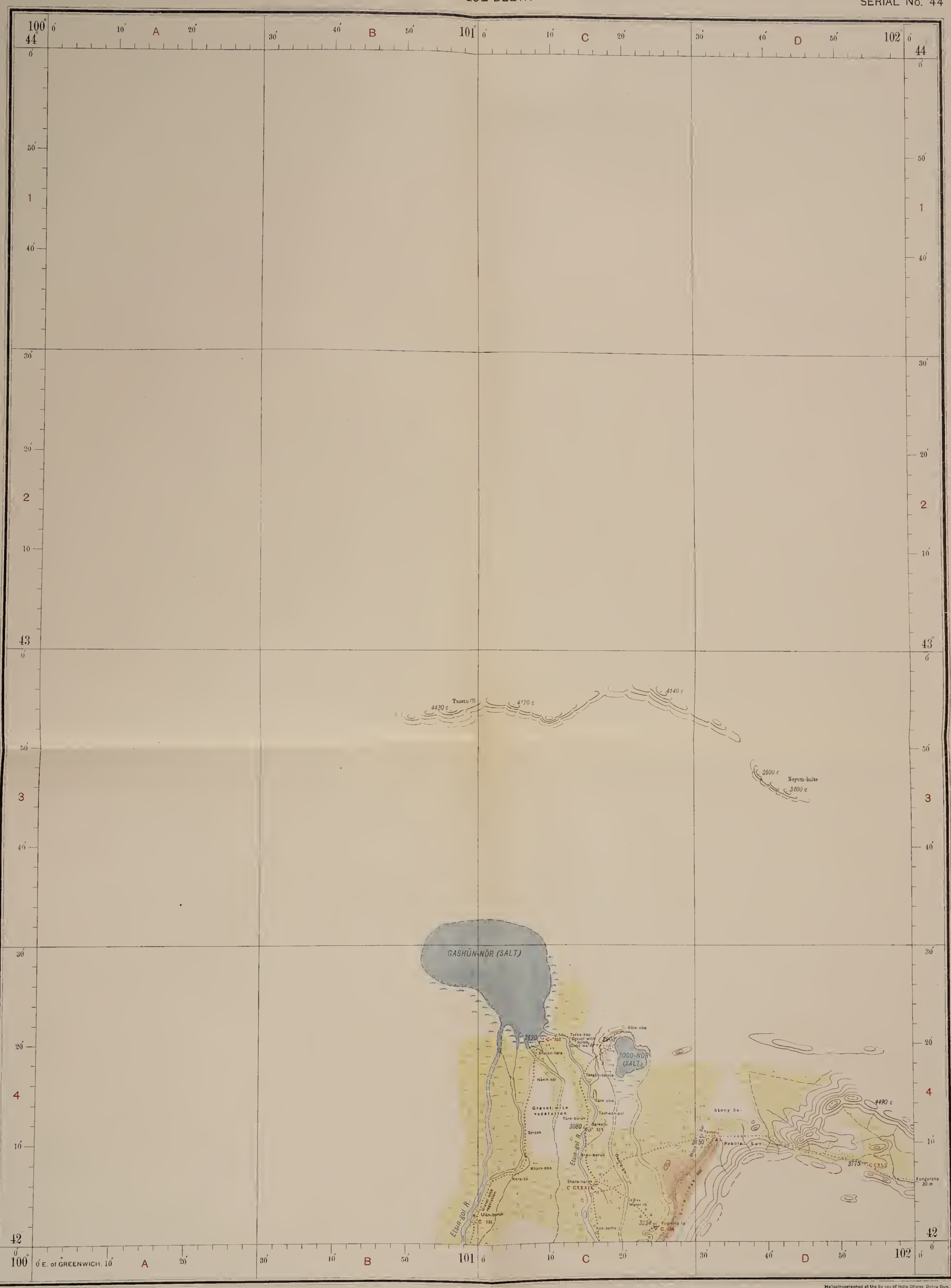
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

ETSIN-GOL DELTA

SERIAL No. 44



Reg. No 1220 D. D. D. 1919 (2 D. O.)-S.I.-800

Latitude Stn. Azimuth Stn. Triangulation Stn..

Heights: by theodolite; by clinometer ..... 13277 . 12300 c

Heights: by barometer or hypsometer. 12770

Perpetual snow (approximate) .....

Drift-sand area .....

Erosion terraces: Mesa; Yārdang.

Hard salt crust.....

Hard salt-encrusted clay

Soft salt-encrusted clay.

Cultivation: unsurveyed....

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead.....

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead Conifers ..

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Surveyor General of India.*
1919.

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzū, Pu-tzu (Chin.)*	*Walled village*
Chap.	*Hill stream*	*Kum*	*Sand*	*Sai.*	*Desert of stone or gravel*
Daryā.	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.).*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh.*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Oghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets

Spring Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine Sacred tomb

Fort: ancient; recent Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900 01

Route with camp, 1906 08

Route with camp, 1913 15

Camps of Sir A Stein or Md. Yakūb Khān in 1913-15 . C XXII

Camps of Sir A. Stein and Afraz Gul in 1913 15 . C ...

Camps of R. B. Lāl Singh in 1913 15 . C 91

Hellozincographed at the Survey of India Offices Dehra Dun.

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta Price:- One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

ETSIN-GOL

SERIAL No. 45

Reg. No 1237 D. D. D. 1920 (2 D. O.)-3 I.- 800

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor General of India. 1920

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Heliozincographed at the Survey of India Offices, Dehra Dun.

Latitude Stn. Azimuth Stn. Triangulation Stn.
Heights: by theodolite; by clinometer . 13277 . 12300 c
Heights: by barometer or hypsometer . 12770
Perpetual snow (approximate)
Drift-sand area
Erosion terraces: Mesa; Yārdang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation: unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living; dead
Sandy tract with scrub or jungle
Tamarisk cones: living; dead
Wild poplars (Toghraks): living; dead
Tamarisks: living; dead. Conifers

Index to localities: Dashoba, Khara-khoto, Kok-ula, Atik tsagen

Index to adjoining sheets: 44, 47, 42, 45, 43, 46, Unsurveyed

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzŭ, Pu-tzŭ (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dewān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong.	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J	*Valley*	*Miao (Chin.)*	*Temple*	*Ustang*	*Canal*
Karaul	*Watch station*	*Ōghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Spring. Well. Kārēz
Main road
Other roads and paths with pass
Telegraph line
Temple. Muhammadan shrine. Sacred tomb
Fort: ancient; recent. Mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruined. Ruined mound (Stūpa)
Ancient site; watch-tower. Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Md. Yakub Khan in 1913-15
Camps of Sir A. Stein and Afrāz Gul in 1913-15
Camps of R. B. Lal Singh in 1913-15

Copies of this map can be obtained on Indent from the Survey of India Offices (Map Record and Issue Branch, Calcutta. Price One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 98 N.W. & S.W.

KAN-CHOU

SERIAL No. 46

Reg. No. 1266 D. D. 1920 (2 D. O.)-31-800

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor General of India. 1922.

Scale 1: 500,000 or 1·014 Inches to 8 Miles

Helio-zincographed at the Survey of India Offices, Dehra Dun.

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . 13277 . 12300 c

Heights: by barometer or hypsometer . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks, living; dead. Conifors

Index to localities

Index to adjoining sheets

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Köl	Lake	P'ao-tzŭ, Pu-tzŭ (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Daryā	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawān	Pass	Kurghān	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langar, Lr	Rest house	Tāgh	Mountain
Ho (Chin.)	River	Mazār, Mr	Saint's tomb	Toghrak	Poplar
Jilga, J.	Valley	Miao (Chin.)	Temple	Ūstang	Canal
Karaul	Watch station	Ōghil	Shepherd station	Yailak, Yailagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15

Camps of R. B. Lāl Singh in 1913-15

Copies of this map can be obtained on Indent from the Survey of India Offices, Map Record and Issue Branch, Calcutta. Price One Rupee

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

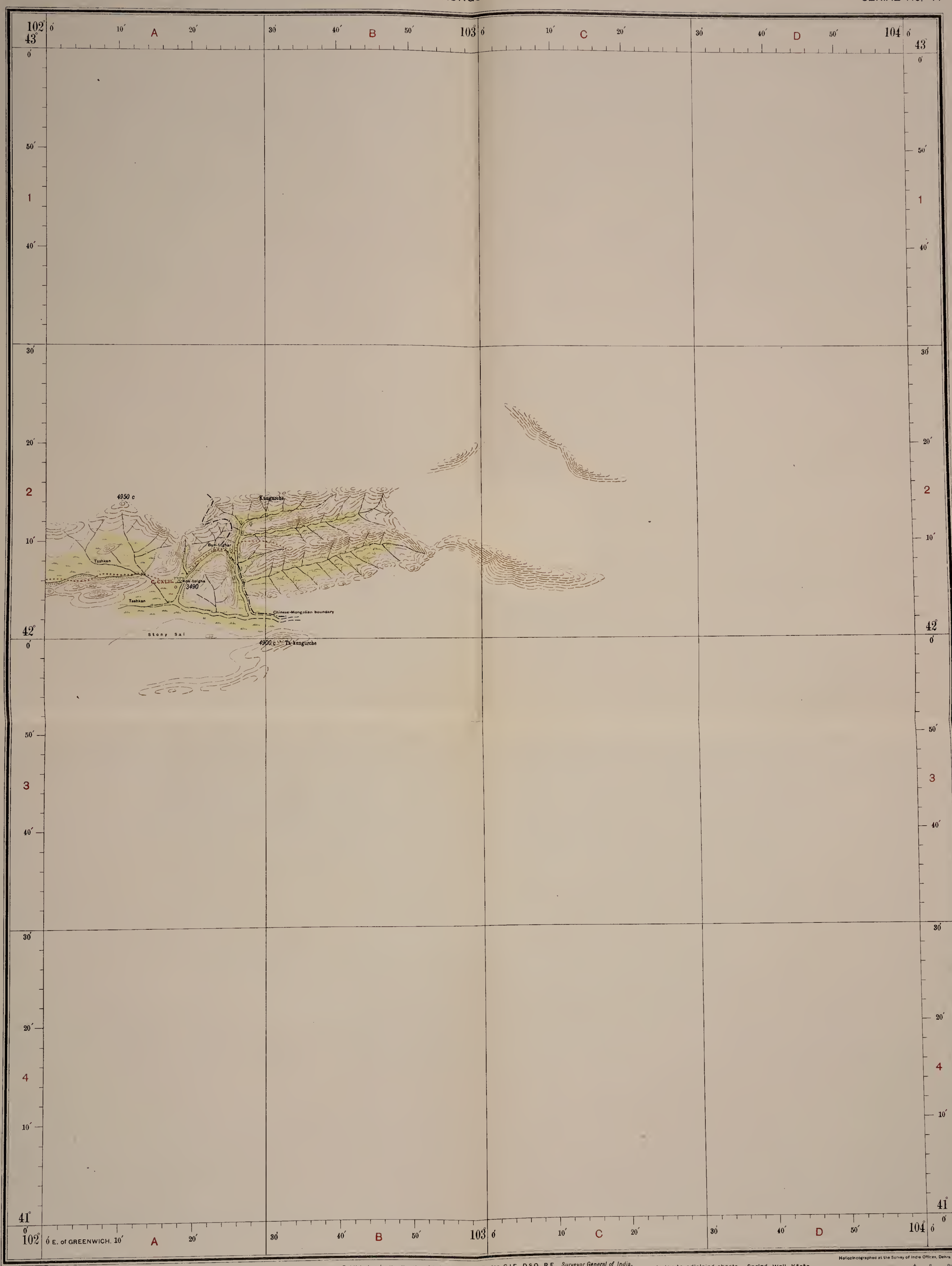
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-48
(CARTE INTERNATIONALE DU MONDE)

KUNGURCHE

SERIAL No. 47



Reg. No. 1218 D. D. D. 1919 (2 D. O.)-8 I. 800

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer . . . 13277 . 12300 c

Heights: by barometer or hypsometer . . . 12770

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yārdang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Surveyor General of India,* 1919

Scale 1: 500,000 or 1·014 inches to 8 Miles

Miles 10 8 6 4 2 0 10 20 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	*Spring*	*Kul, Köl*	*Lake*	*P'ao-tzū, Pu-tzū (Chin.)*	*Walled village*
Chap	*Hill stream*	*Kum*	*Sand*	*Sai*	*Desert of stone or gravel*
Daryā	*River*	*Kumush*	*Reeds*	*Shan (Chin.)*	*Mountain*
Dawān	*Pass*	*Kurghān*	*Tower*	*Ta-fan (Chin.)*	*Pass*
Dong	*Hill*	*Langar, Lr.*	*Rest house*	*Tāgh*	*Mountain*
Ho (Chin.)	*River*	*Mazār, Mr.*	*Saint's tomb*	*Toghrak*	*Poplar*
Jilga, J.	*Valley*	*Miao (Chin.)*	*Temple*	*Üstang*	*Canal*
Karaul	*Watch station*	*Öghil*	*Shepherd station*	*Yailak, Yailagh*	*Grazing ground*

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets

Lithoincographed at the Survey of India Offices, Dehra Dun.

Spring. Well. Kārēz

Main road

Other roads and paths with pass

Telegraph line

Temple. Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakūb Khān in 1913-15 . . . C. XXII

Camps of Sir A. Stein and Afrāz Gul in 1913-15 . . . C. XXV

Camps of R. B. Lāl Singh in 1913-15 . . . C. 91

Copies of this map can be obtained on indent from the Survey of India Offices (Map Record and Issue Branch), Calcutta. Price:—One Rupee.

MAP TO ILLUSTRATE ROUTES

FOLLOWED BY

SIR AUREL STEIN

THROUGH

CHILĀS, DARĒL AND TANGĪR

Trigonometrical heights in feet.....17270

Approximate heights in feet.....2960

Bridle-road or foot path, with pass.....

Telegraph line.....

Routes followed by Sir Aurel Stein.....

Based on Survey of India Sheets 43 E and I

Scale 1: 760,320 or 1 inch to 12 miles

Miles 10 0 10 20 30

Contours, at 2000 feet, are approximate

Reg No. 2597 E. 26-795.

Helio. S. I. O., Calcutta.

MAP OF THE LOP DESERT

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.

1906-7, 1914.

REG No 12 E D D 1926 (2 D.O.)-S 1-750

Latitude Stn. Triangulation Stn.

Heights: by theodolite: by clinometer — 4522, 3720 c

Heights: by barometer — 1/32

Drift-sand area

Erosion terraces: Mesa; Yârdang

Hard salt crust

Salt-encrusted clay: hard; soft

Tamarisk cones: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead

Enlarged, with additions and corrections, from sheets Nos. 29, 32 of the Map Series of Chinese Turkistan and Kansu, scale 1:500,000, published under the direction of the Surveyor General of India, 1918 1926.

Scale 1:3,16,800 or 1 inch to 5 miles

Miles 5 4 3 2 1 0 5 10 Miles

For corrections to be applied to the positions and heights of triangulated points, as shown in this sheet, see the lists of latitudes, longitudes, etc., in Appendix A to Sir A. Stein's Memoir on maps of Chinese Turkistan and Kansu.

Heliozincographed at the Survey of India Offices, Dehra Dun.

Reeds or low scrub: living; dead

Spring, well

Caravan track

Fort: ancient

Ruined dwelling; mound (Stûpa)

Ancient site; watch-tower; Cairn — Tati

Route with camp, 1906-07 — C. 126

Route with camp, 1914

Camps of Sir A. Stein and Afrâz Gul in 1914 — C. cxlvii

Camps of R. B. Lâl Singh in 1914 — C. 85

MAP OF PORTIONS OF

SĪSTĀN

BASED ON SHEET No. 30, OF THE SURVEY OF INDIA

WITH ADDITIONS BY SIR AUREL STEIN, K.C.I.E.

Reg. No. 542 E.D.D. 1927-750

HELIO. S.I.O. DEHRA DŪN

Scale $\frac{1}{1,000,000}$ or 1·014 Inches to 16 Miles.

Miles 10 5 0 10 20 30 40 Miles

Contours are approximate. Those portions of rivers, streams, lakes, canals, etc., which generally contain water are shown in blue.

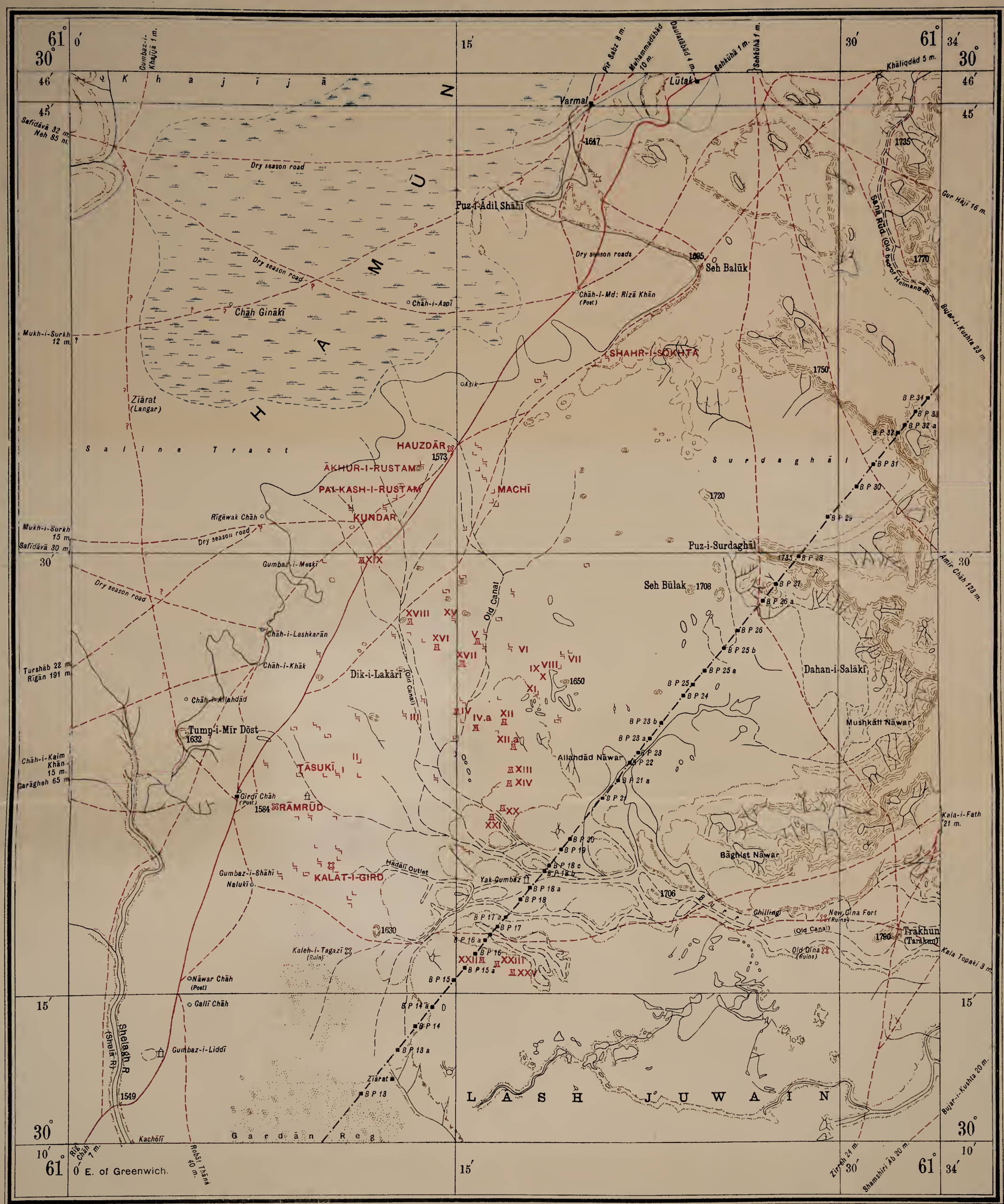
Main road. Other roads and paths
Unsurveyed or doubtful route
Boundary, demarcated. Boundary Pillar .... B. P. 23
Heights.—Trigonometrical; approximate 2037 970
Ruined site ; ruined fort ; ruined watch-station
Names of old sites .... ZAHIDAN

MAP OF THE DRY HELMAND DELTA

SĪSTĀN

BASED ON DEGREE SHEET No. 30 F, OF THE SURVEY OF INDIA

WITH ADDITIONS BY SIR AUREL STEIN, K.C.I.E.



Reg. No. 542 E.D.D. 1927 (2 D.O.) S.I.-750

HELIO. S.I.O. DEHRA DUN

Scale 1 Inch to 4 Miles, or 1:253,440.

Miles 5 4 3 2 1 0 5 10 Miles

Contours are approximate. Those portions of rivers, streams, lakes, canals, etc, which generally contain water are shown in blue.

Main road. Other roads and paths.....
Unsurveyed or doubtful route.....
Boundary, demarcated. Boundary Pillar..... B. P. 23
Heights;—Trigonometrical; approximate..... 2037 970
Ruined sita ; ruined fort ; ruined watch-station
Names of old sites..... ZAHIDAN